

## **Jet Propulsion Laboratory**

#### Mission Statement:

As part of the NASA team, JPL enables the nation to explore space for the benefit of humankind by developing robotic space missions to:

- Explore our own and neighboring planetary systems.
- Search for life beyond the Earth's confines.
- Further our understanding of the origins and evolution of the universe and the laws that govern it.
- Make critical measurements to understand our home planet and help protect its environment.
- Enable a virtual presence throughout the solar system using the Deep Space Network and evolving it to the Interplanetary Network of the future.
- Apply JPL's unique skills to address problems of national significance.
- Inspire the next generation of explorers.



# **Future Project**

### Soil Moisture Active and Passive (SMAP)





## **Major SMAP Procurements**

- Instrumentation Reflector and Boom Assembly
- Spin Mechanism Assembly with slip rings or rotation transformers
- S-band Telemetry Transceivers or Transponders
- X-band high rate mission data transmitters
- Mission data recorder
- Star Trackers
- Flight Computer
- Propulsion Components / Thrusters
- Solar Arrays
- Batteries



## **Contact Us**

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